

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

TRADE NAME (as labeled): CHEM CON 300  
Description: Adhesive

DATE PREPARED / REVISED:

November 8 2000

MANUFACTURER'S NAME

PHONE NUMBER:

Chemical Consultants, Inc.  
1850 Wild Turkey Circle  
Corona, CA 92880-1799 USA

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## II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		Other (specify)
			ACGH TLV	OSHA PEL	
Ethyl Cyanoacrylate	7085-85-0	50 - 100	Not Est'd	Not Est'd	
Hydroquinone	123-31-9	< 2.0			
Copolymerized Styrene / acrylic poly (methyl methacrylate)	25034-86-0	0.0-20.0	Not Est'd	Not Est'd	
Butyl Benzyl Phthalate	85-68-7	0.0-50.0	Not Est'd	Not Est'd	
Malic Anhydride	108-31-6	0.0-10.0	Not Est'd	Not Est'd	

## III. PHYSICAL PROPERTIES

Vapor density (air =1): NA  
Specify gravity: 1.046  
Solubility in water: nil  
vapor pressure, mmHg at 20 °C: NA  
Appearance and odor: Clear to white liquid, sharp odor

Melting point or range, °F  
Boiling point or range, °F 131@2 mmHg  
Evaporation rate (butyl acetate=1): NA  
pH (1% solution): NA

## IV. FIRE AND EXPLOSION

Flash point, °F (give method): 174 (TCC)  
Auto ignition temperature, °F: N/D  
Flammable limits in air volume %: lower (LEL) NA upper (UEL) NA  
Fire extinguishing materials:  water spray  carbon dioxide  other  
 foam  dry chemical

Special fire fighting procedures: Fire fighters should wear a self-contained breathing apparatus when fighting fires involving this material.

Unusual fire and explosion hazards: Combustible, overheated, closed containers adjacent to fire could explode due to internal pressure build-up.

## V. REACTIVITY DATA

Stability: Stable  Unstable

Conditions to avoid:

Incompatibility (materials to avoid): Alkaline materials, acids & oxidizers

Hazardous decomposition products (including combustion products): CO, CO<sub>2</sub>, nitrogen oxides and smoke particles when decomposed by heat or flame.

Hazardous polymerization: May occur  Will not occur

Conditions to avoid: Avoid contact with hot surfaces.

**VI. HEALTH HAZARD INFORMATION****SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.**

- Inhaled:** Vapors may be irritating to the respiratory system. May cause runny and sore nose.  
**Skin:** Moderately irritating. Hydroquinone may cause skin depigmentation and an allergic skin reaction.  
**Swallowed:** May cause digestive system irritation.

**HEALTH EFFECTS OR RISKS FROM EXPOSURE: Explain in lay terms.**

- Acute:** Extremely irritating to eyes. Symptoms may include tearing.  
**Chronic:** May cause permanent eye damage.

**FIRST AID EMERGENCY PROCEDURES:**

- Eye contact:** Do not force eyelids open. Immediately flush with plenty of water for at least 15 min. Call a physician.  
**Skin contact:** Quickly soak in warm water and avoid use of excessive force to free. Call a physician if irritation persists.  
**Inhaled:** If irritation occurs, move to fresh air.  
**Swallowed:** Do not induce vomiting. Immediately call a physician or poison control center.

**SUSPECTED CANCER AGENT?**

- NO:**  This product's ingredients are not found on the list below.  
**YES:**  Federal OSHA  NTP  IARC

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Skin allergies, dermatitis.

**VII. SPILL, LEAK, AND DISPOSAL PROCEDURES**

**Spill response procedures (include employee protection measures):** Collect spilled material and clean up residue using non-sparking tools. Do NOT use clean-up material containing cotton.

**Disposal Methods:**

May be incinerated. Cured material may be landfilled.

**NOTE: Dispose of all wastes in accordance with federal, state, and local regulations.**

**VIII. SPECIAL HANDLING PROCEDURES**

**Respiratory protection (type):** None required if area is adequately ventilated.

**Ventilation and engineering controls:** Adequately ventilated with enough air movement to remove vapors.

**Eye protection (type):** Chemical goggles or safety glasses.

**Gloves (specify material):** Nitrile gloves.

**Other clothing and equipment:** Adequate protective clothing to prevent skin contact.

**Work practices, hygienic practices:** Always wash hands after handling.

**Other handling and storage requirements:** Keep container closed when not in use. Keep out of the reach of children.  
 For industrial use only.

**IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION**

NFPA 704 Code System Rating = Health 2; Flammability 1; Reactivity 1.

Volatile Organic Compound (VOC) = NA